

# Saving Time and Resources Using Pictometry Connect Explorer

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# City of Pasadena, CA

Department of Information Technology - GIS



- Located in Los Angeles County, CA
- Home to the Rose Bowl, Rose Parade, NASA's Jet Propulsion Lab, CalTech, and many historic home and neighborhoods
- 23.5 Sq Mi. with 138,000 residents



# Saving Time and Resources Using Pictometry Connect Explorer

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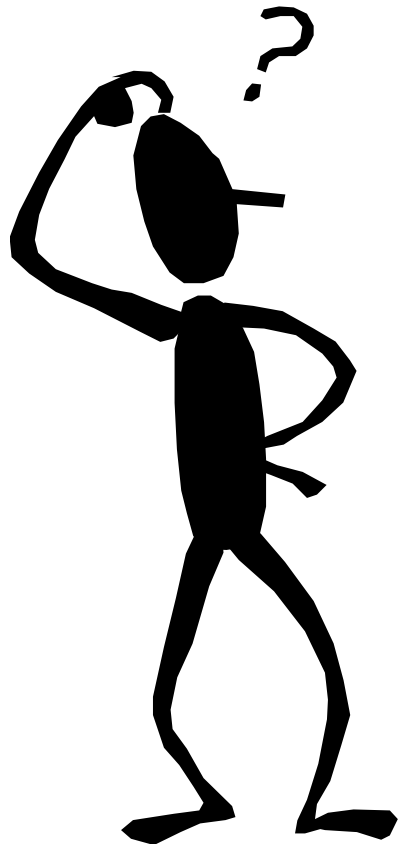
## Department Collaborations:

- Pasadena Public Works – Pocket Parks
- Pasadena Fire – Fire Inspections



# Public Works – Pocket Parks

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- Background – Pockets Parks study was performed in 2003 to identify potential properties for pocket parks in Pasadena.
- Question – Do these sites identified in the 2003 study still meet the Pocket Park criteria?



# Public Works – Pocket Parks

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## Answer – *Pictometry Connect*

- Perform “Change Analysis”



# Public Works – Pocket Parks

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## Change Analysis Steps:

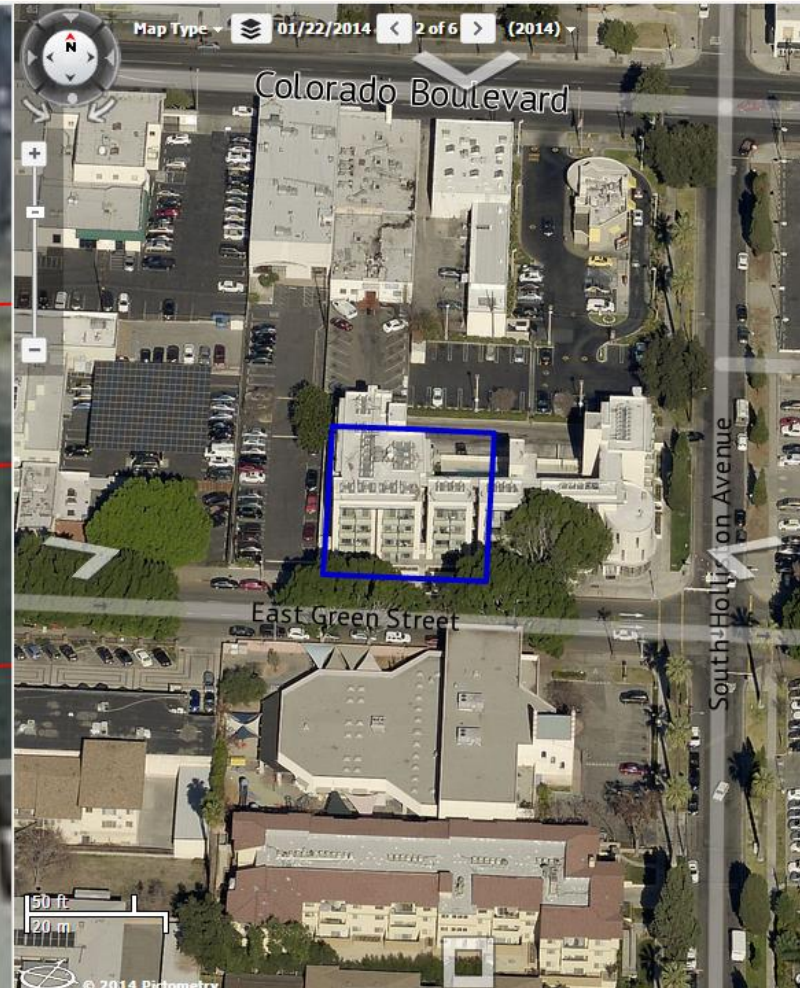
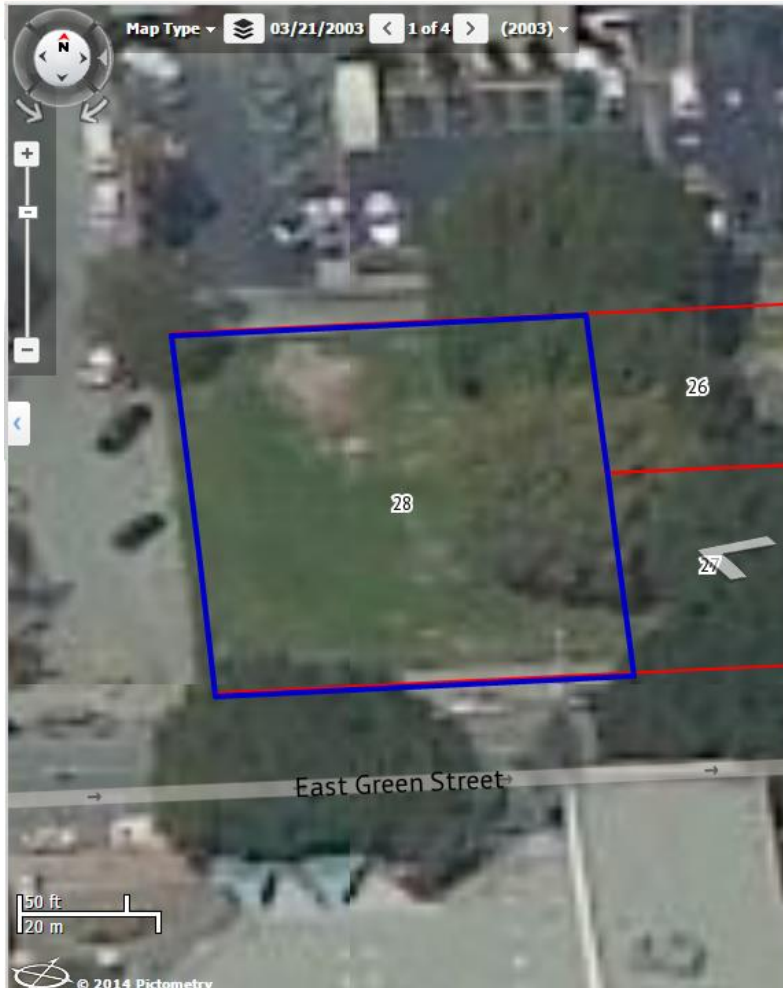
1. Create a GIS Layer of Sites and load into Pictometry Connect
2. Create a search based on Site ID
3. Use the Dual Pane Tool
4. Search and Analyze the Sites!





# Public Works – Pocket Parks

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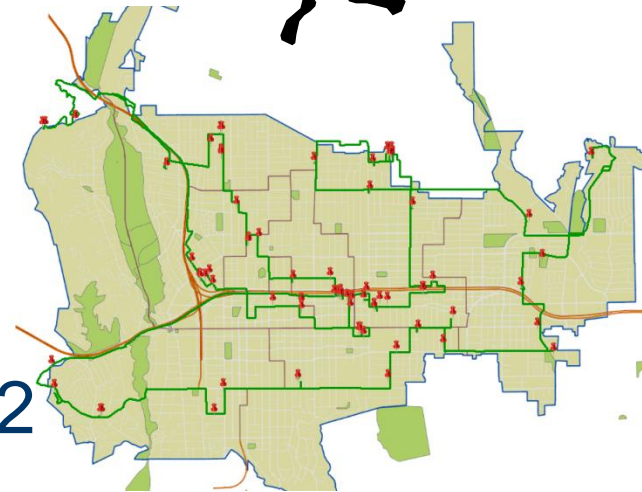
# Public Works – Pocket Parks

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## Return on Investment - Savings

Visit 78 locations by vehicle:

- 5 minutes Site Visit = 6.5 Hrs
- Travel Time, Distance = 2.25 Hrs, 45 Mi
- Total Time = 8.75 Hrs
- City Employee Salary - \$36/Hr
- Gas - \$3.166 per Gallon
- Total Cost - \$315 + \$7.12 = \$322.12



PASADENA





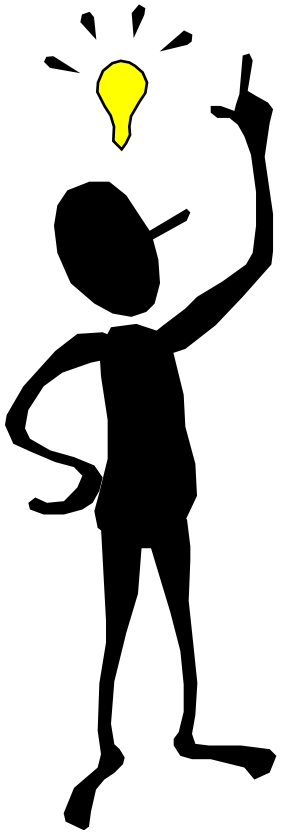
# Public Works – Pocket Parks

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## Return on Investment - Savings

Visit 78 locations with Pictometry:

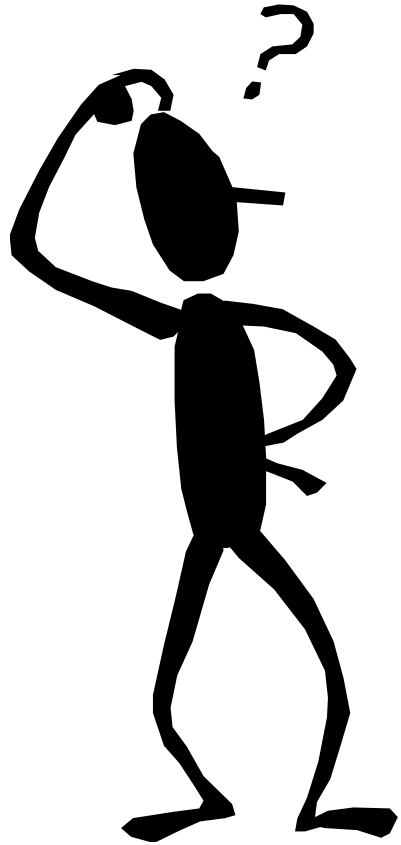
- 2 minutes Site Visit = 2.6 Hrs
- No Travel Time, Distance
- Total Time = 2.6 Hrs
- City Employee Salary - \$36/Hr
- No Gas
- Total Cost = \$93.6 **SAVINGS OF \$228.52**





# Fire – Fire Inspections

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- Background – Fire is migrating to a new fire inspection system.
- Need – Ensure all fire inspection locations have been identified for the new system.



# Fire – Fire Inspections

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## Answer – *Pictometry Connect*

- Perform “Current Use Analysis”



# Fire – Fire Inspections

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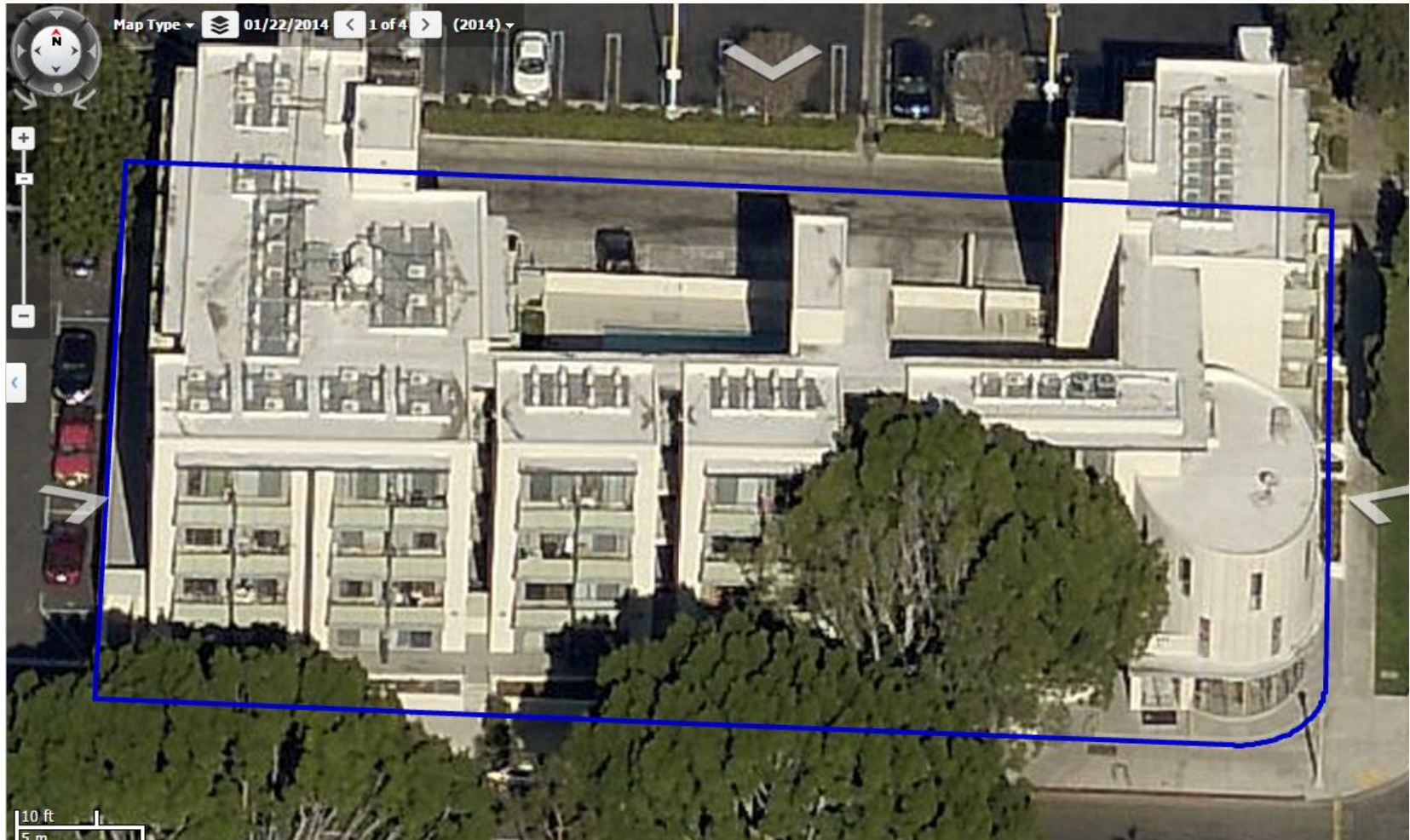
## Change Analysis Steps:

1. Create a GIS Layer of Sites and load into Pictometry Connect
2. Create a search based on Parcel ID
3. Search and Analyze the Sites!



# Fire – Fire Inspections

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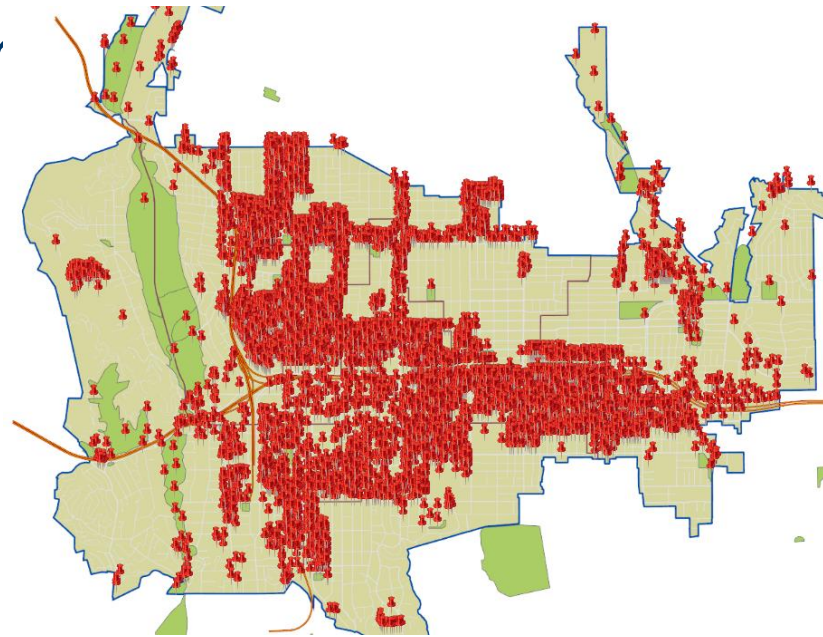
# Fire – Fire Inspections

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## Return on Investment - Savings

Visit 7321 locations by vehicle:

- 5 minutes Site Visit = 610 Hrs
- City Employee Salary - \$36/Hr
- Total Cost = \$21,960



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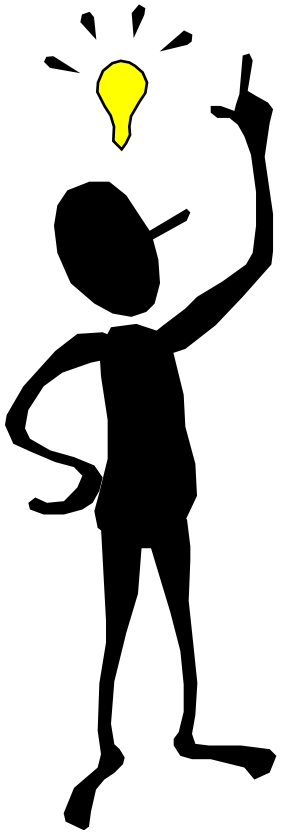
# Fire – Fire Inspections

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## Return on Investment - Savings

Visit 7321 locations with Pictometry:

- 1 Month to complete Review
- No Travel Time, Distance
- Total Time = 173.3 Hrs
- City Employee Salary - \$36/Hr
- No Gas
- Total Cost = \$6,240 **SAVINGS OF \$15,720**





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# Questions?